Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 04 Feb 2021 until 23:59 on Friday 05 Feb 2021

Forecast Issued on Thursday 04 Feb 2021 at 01:12

Confidence: High for generally unsettled conditions and turning colder over the weekend, but some uncertainty regarding the timing and extent of snow.

Headline for Thursday 04 Feb 2021: Mainly dry with sunny spells, but rain early and late in the day.

Mountain weather hazards on Thursday 04 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Sunny intervals	Sunny intervals	Cloudy	Light rain	Light rain
Precipitation probability					
60%	30%	20%	30%	70%	80%

Forecast for Thursday 04 Feb 2021

Weather: Cloud and outbreaks rain soon clearing northwards. Some sunny spells during the late morning but cloud increasing through the afternoon with further rain spreading in during the late afternoon.

Chance of cloud free mountain/hill tops above 600m: Around 20-30% at first rising close to 80-90% by mid-morning. Chance reducing again in the late afternoon to around 30-40%.

Visibility: Occasional or periods of cloud above 400m, clearing northwards soon after dawn then little or no cloud expected below the summits until the late afternoon when extensive cloud above 500m returns. Away from cloud visibility good but falling to just a few kilometres in heavier rain.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 04 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 S	13/20 S	14/20 S	15/20 SE	15/21 SE	16/22 E	14/20 E
300	11/20 S	10/18 S	12/17 S	12/18 SE	11/19 SE	9/14 E	9/16 E
Valley	5/17 S	6/14 SE	8/15 SE	8/16 SE	8/18 E	9/19 E	10/19 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-1	4/-1	3/-1	3/-2	2/-3	2/-3
300	5/2	5/2	6/2	6/3	5/2	4/1	4/1
Valley	5/3	4/2	7/4	7/4	5/2	5/2	4/1
Freezing Level*	1100m	1000m	900m	900m	1100m	1000m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 04 Feb 2021	104.8mm	148.4mm	148.4mm

Forecast for Friday 05 Feb 2021

Weather: Mostly cloudy with extensive hill fog and some patchy rain and drizzle, most likely across the north of the park.

Maximum wind: Souteasterly 5-10mph gusting 15mph.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the day

Visibility: Periods or persistent cloud above 200-300m. Away from cloud visibility good to moderate.

Temperature: **Valleys:** Around plus 3 or 4 Celsius at dawn rising to plus 6 Celsius by day.
At 600m: Around plus 2 Celsius
Freezing level: Above the summits.

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